

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Re: Inventor(s): **Barnes et al.**

Title: **MONITORING DIMENSIONS OF FEATURES AT DIFFERENT LOCATIONS IN THE
 PROCESSING OF SUBSTRATES**

22389 U.S. PTO
 10/646943

08/21/03

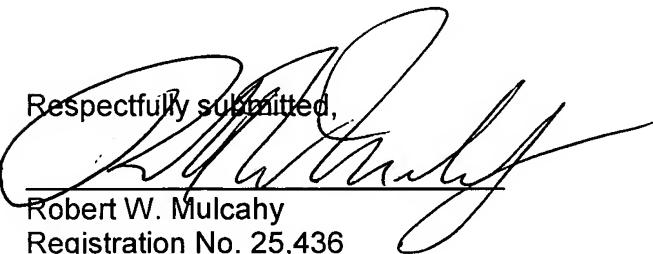
Transmitted herewith is the patent application identified above, including:

- Specification, claims and abstract, totaling 52 pages
- Drawings totaling 13 pages, Formal X Informal
- Executed Declaration and Power of Attorney
- Assignment of the invention to Applied Materials, Inc. and Assignment Recordation Cover Sheet
- Return Receipt Postcards (2)

FEE CALCULATION					
Fee Items	Claims Filed	Included with Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	34	- 20 =	14	x 18.00	\$ 252.00
Independent Claims	6	- 3 =	3	x 84.00	\$ 252.00
Basic Filing Fee				750.00	\$750.00
TOTAL FEES					\$1,254.00

- The Commissioner is hereby authorized to charge \$ 1,254.00 to Deposit Account No. 50-1074.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074. A duplicate copy of this transmittal is enclosed.
- Please address all future correspondence to: **APPLIED MATERIALS, INC.**
Patent Department, M/S 2061
P.O. Box 450A
Santa Clara, CA 95052

Respectfully submitted,


 Robert W. Mulcahy
 Registration No. 25,436

Express Mail Label No: EV341110233US Date of Deposit: August 21, 2003

United States Patent Application for:
**MONITORING DIMENSIONS OF FEATURES AT DIFFERENT LOCATIONS IN THE
PROCESSING OF SUBSTRATES**

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Assignee: Applied Materials, Inc.
Entity: Large Entity
AMAT Docket No: 6726 USA/ETCH/CONE/JB
(Also 6843, 6845, et al.)
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